

ABSTRACT OF THE DISCLOSURE

From a prescribed starting value, the emitting power of an obstacle detection beam increases or decreases according to a prescribed function at a prescribed rate. The received signal
5 reflected from an obstacle is compared to a prescribed threshold. Once the received reflected power rises or falls to the threshold, the emitting power is not further increased or decreased respectively, but is maintained constant. Thereby, consumed and dissipated power is reduced, unnecessary excessive
10 power use is avoided, and the detection range of the obstacle detection beam is adapted to the prevailing situation.

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